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STATE OF MARYLAND
HARRY HUGHES, GOVERNOR

SUPPLEMENT SHOWING

PRELIMINARY PLANS

AND OUTLINE SPECIFICATIONS FOR
MAJOR BUILDING PROJECTS IN THE

1980 FISCAL YEAR
CAPITAL BUDGET

DEPARTMENT OF STATE PLANNING

STATE OF MARYLAND
HARRY HUGHES, GOVERNOR

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P R E L I M I N A R Y P L A N S

AND OUTLINE SPECIFICATIONS FOR
MAJOR BUILDING PROJECTS IN THE
1980 FISCAL YEAR CAPITAL BUDGET

Maryland. State Planning Dept.
Publication.

DEPARTMENT OF STATE PLANNING

in cooperation with

DEPARTMENT OF GENERAL SERVICES

February 1979

Publication No. 365

Department of State Planning
State Office Building
301 W. Preston Street
Baltimore, Maryland 21201

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- This Supplement to the 1980 Fiscal Year Capital Budget contains the preliminary plans and outline specifications for major construction projects included therein.

- The purpose of this Supplement is to assist in visualizing the projects and their functions. It should be studied with the Capital Budget Report. This document is designed to meet the requirement of Article 15A, Section 10 of the Annotated Code of Maryland which calls for the submittal of preliminary plans and outline specifications for major permanent construction projects at the time the construction funds are requested and Article 88C, Section 10 of the Annotated Code of Maryland covering submittal of required programs and changes in projects after preliminary plans are completed.

- The estimated building costs given in the Supplement include all fees involved.

TABLE OF CONTENTS

	Page
DEPARTMENT OF NATURAL RESOURCES:	
Seneca State Park.	6
DEPARTMENT OF HEALTH AND MENTAL HYGIENE:	
Mental Hygiene Administration	
Convalescent cottages - Crownsville Hospital Center. . . .	8
White Building - Spring Grove Hospital Center.	10
Mental Retardation Administration	
Jackson Building - Rosewood Center	14
DEPARTMENT OF PUBLIC SAFETY AND CORRECTIONAL SERVICES	
Visitors' Registration Building - Maryland Correctional Institution.	16
Visitors' Waiting Room - Maryland Penitentiary	18
UNIVERSITY OF MARYLAND	
Conversion of Fisheries Building - College Park Campus . .	20
Central Animal Resource Facility - College Park Campus . .	22
Addition to Energy Research Building - College Park Campus	24
BOARD OF TRUSTEES OF THE STATE UNIVERSITIES AND COLLEGES	
Alterations to Van Bokkelen Hall	28
Law School Addition to the Academic Center - University of Baltimore.	30
MARYLAND PUBLIC BROADCASTING COMMISSION	
Expansion of Maryland Center for Public Broadcasting . . .	32
DEPARTMENT OF ECONOMIC AND COMMUNITY DEVELOPMENT	
Maryland Commission on Afro-American History and Culture	
Restore Mount Moriah Church.	36

DEPARTMENT OF NATURAL RESOURCES

CONSTRUCTION OF PHASE II DAY-USE AREA
Seneca Creek State Park (Montgomery County)

PROJECT DESCRIPTION

Day-use area facilities include:

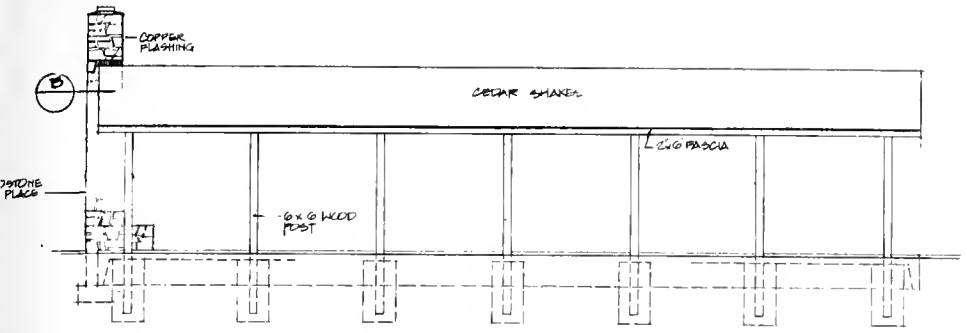
Four (4) comfort stations totaling approximately 1,708 G.S.F. and two (2) picnic shelters totaling approximately 288 G.S.F.; Roads and Parking Facilities and Utilities to serve Day-Use recreation area on south side of Seneca Lake.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

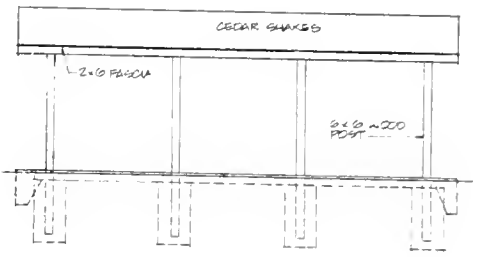
Plans for a typical shelter are shown at right. Outline specifications are:

Exterior walls . . .	Comfort stations are concrete masonry units and shelters are post and laminated arch with stone fireplace wall, non-bearing on gable end.
Structure.	Spread footings.
Roof	Pitched, gable with asphalt shingles.
Interior	Ceramic tile and pit-glaze.
Ceilings	Drywall in comfort stations.
Floors	Sealed concrete slab.
Electric	110/220 single phase.
Heating.	Oil fired hot air.
Plumbing	Conventional water and sanitary services.
Air Conditioning . .	None.
Miscellaneous. . . .	Park roads to facilities with bituminous concrete paving and parking facilities. Sanitary facilities to tie-in to Washington Suburban Sanitary Commission system.

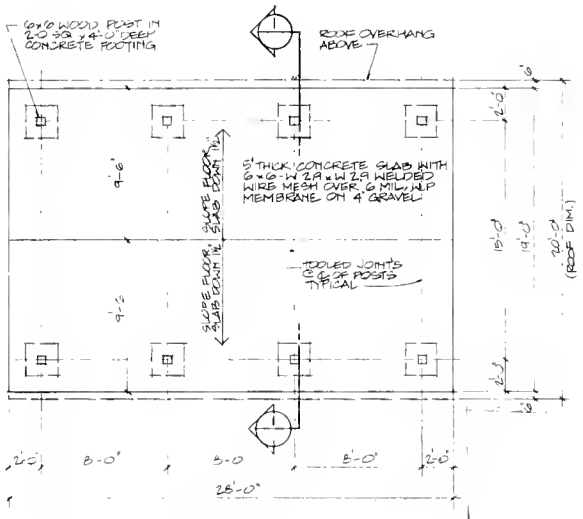
ESTIMATED PROJECT COST. $1,600,000



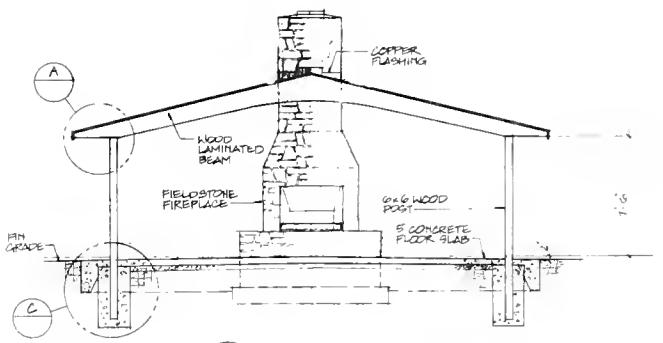
SIDE ELEVATION



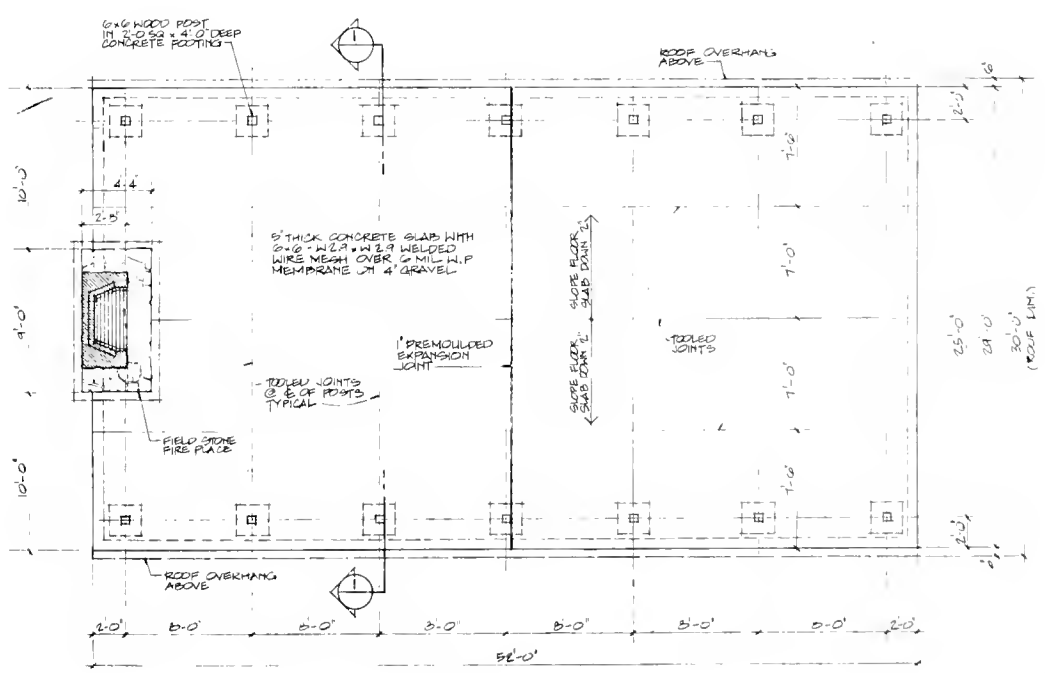
SIDE ELEVATION



PLAN (20'×28' SHELTER)



1 SECTION



PLAN (30'×52' SHELTER)

SHELTER

SENECA STATE PARK

MONTGOMERY COUNTY MARYLAND

RENOVATE TWO CONVALESCENT COTTAGES
Crownsville Hospital Center

PROJECT DESCRIPTION

This project is the renovation of two convalescent cottages to bring them into compliance with applicable standards and regulations. Alterations of the convalescent cottages are designed to insure a living environment which promotes the restoration of the physical and the mental facilities of the patients. Sleeping areas will be converted from the ward unit into separate patient units of no more than 4 beds each. Bathrooms are to be redesigned and equipped with modernized bath and toilet facilities. Each building will be air-conditioned and provided new piping, lighting and heating control systems.

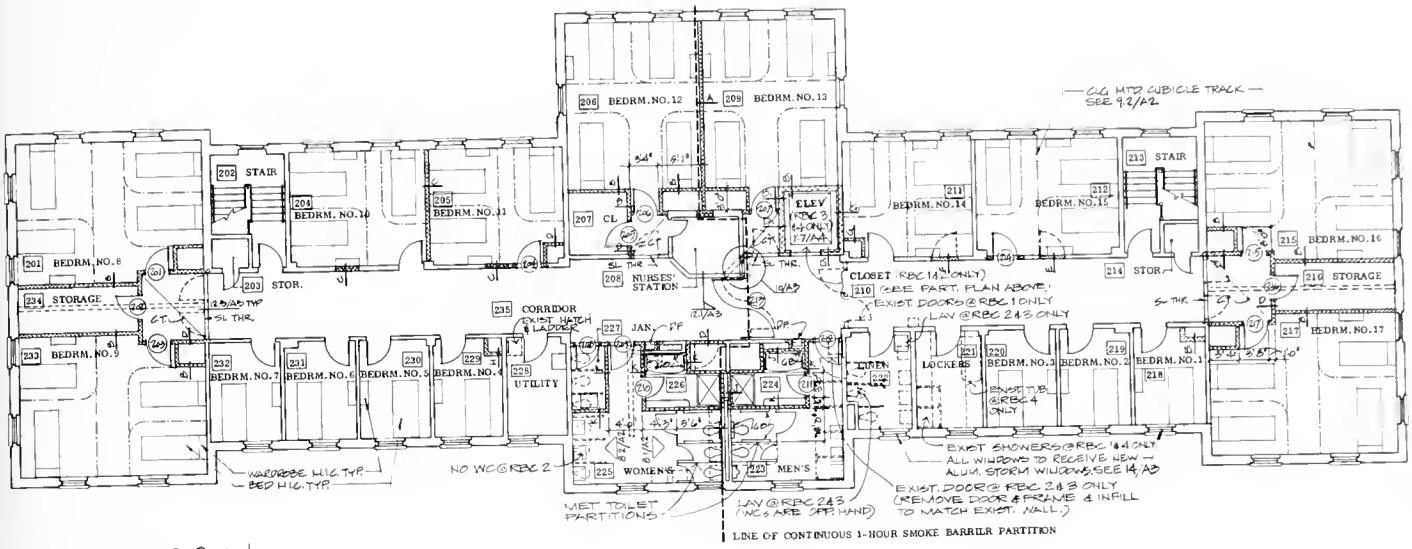
PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

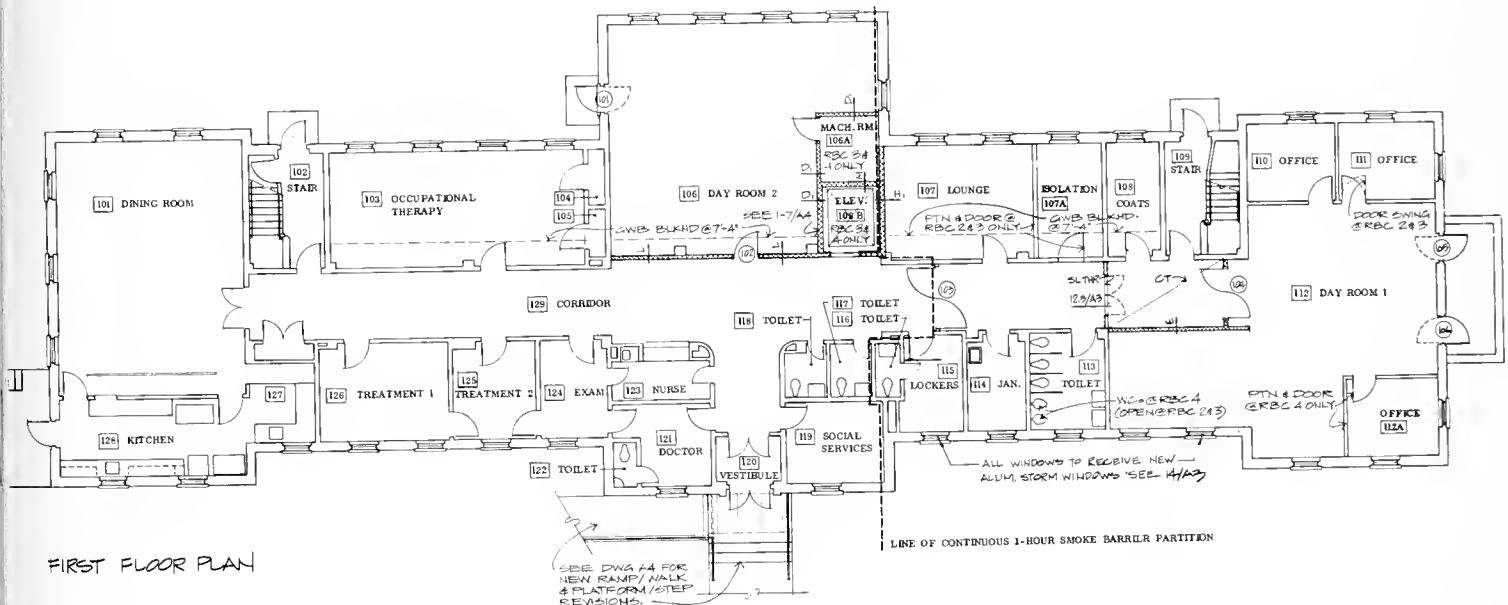
Exterior walls . . .	Existing masonry.
Structure.	Existing concrete frame, wall bearing.
Roof	Existing slate shingle on nailable concrete plank over steel trusses.
Interior	Existing and new masonry partitions and stud partitions with dry wall facing.
Ceilings	New acoustical tile ceiling.
Floors	Existing terrazzo and new asphalt tile.
Electric	New power, new lighting and new elevator in one cottage.
Heating.	Existing system upgraded, extended and altered to provide for A/C.
Plumbing	Existing system upgraded and extended.
Air Conditioning . .	A completely new air-conditioning system will be provided for all patient and personnel areas in the building.
Miscellaneous. . . .	New emergency lighting, nurses call, elevator and outdoor electrical distribution systems will be provided. Buildings will be adequately equipped for handicapped patients.

ESTIMATED PROJECT COST

Renovation	$975,000



SECOND FLOOR PLAN



FIRST FLOOR PLAN

RENOVATION OF RED BRICK COTTAGE NO.1-4

RENOVATION OF WHITE BUILDING
Spring Grove Hospital Center

PROJECT DESCRIPTION

This project is to renovate a residential patient building of 72 bed capacity which is not suitable to meet current federal and state licensing requirements. Renovation of this building will provide 84 fully acceptable beds at a cost which is much less expensive than new construction. This single story structure will be converted from the existing four wards and single rooms to sleeping areas of no more than 4 beds each and will be air conditioned. Additional remodeling includes bathroom modifications to provide for the physically handicapped, overhead track curtains and individual nurses' call system. The gross area is about 43,300 gross square feet.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Existing masonry.

Structure. . . . . Existing masonry.

Roof . . . . . Asphalt shingles on nailable concrete plank over steel trusses.

Interior . . . . . Plaster on masonry partitions.

Ceilings . . . . . Suspended acoustical ceilings in most areas.

Floors . . . . . Existing terrazzo to remain and new asphalt tile where required.

Electric . . . . . New power system and new lighting.

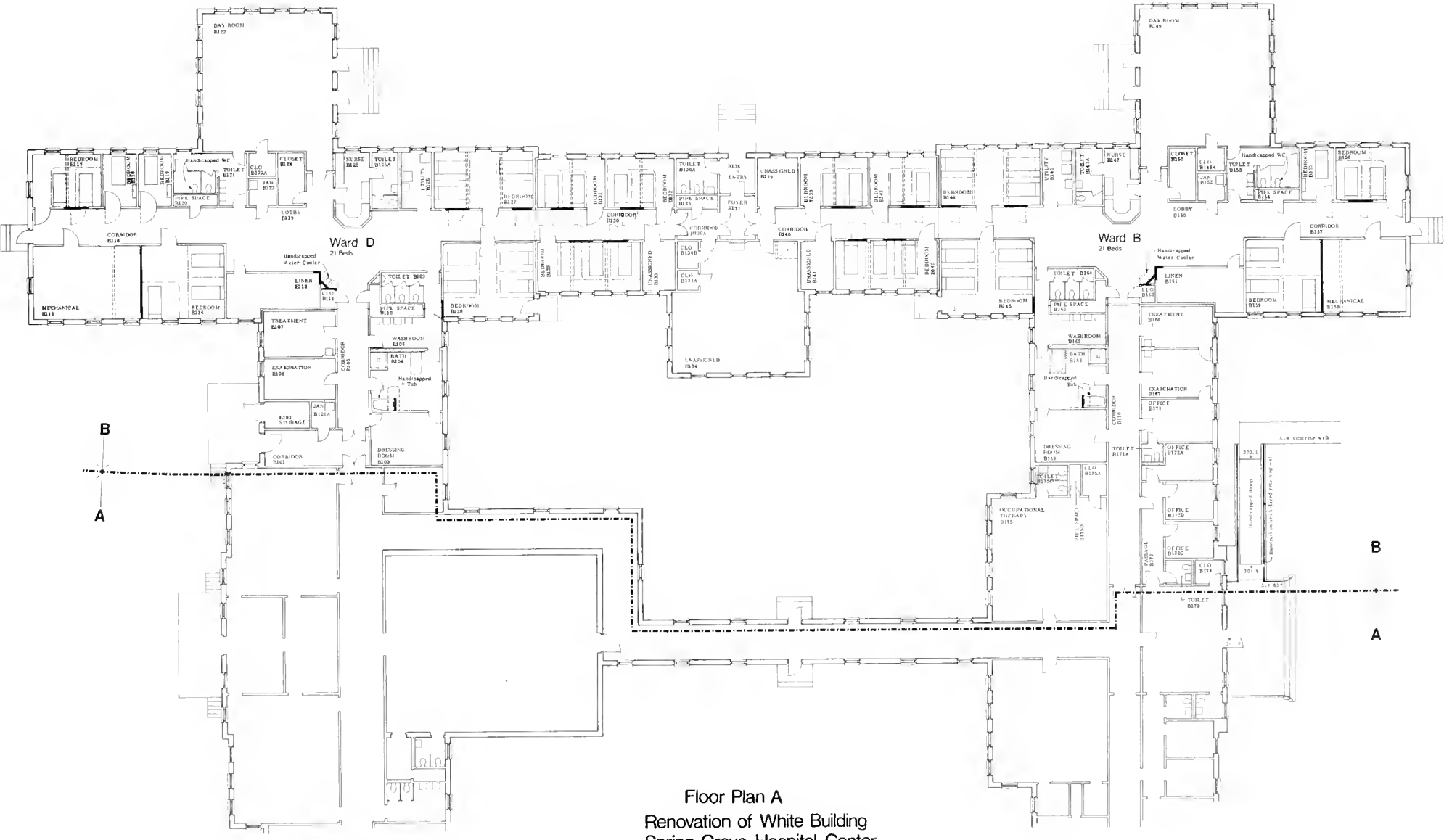
Heating. . . . . New forced hot air unit.

Plumbing . . . . . Existing system upgraded and extended.

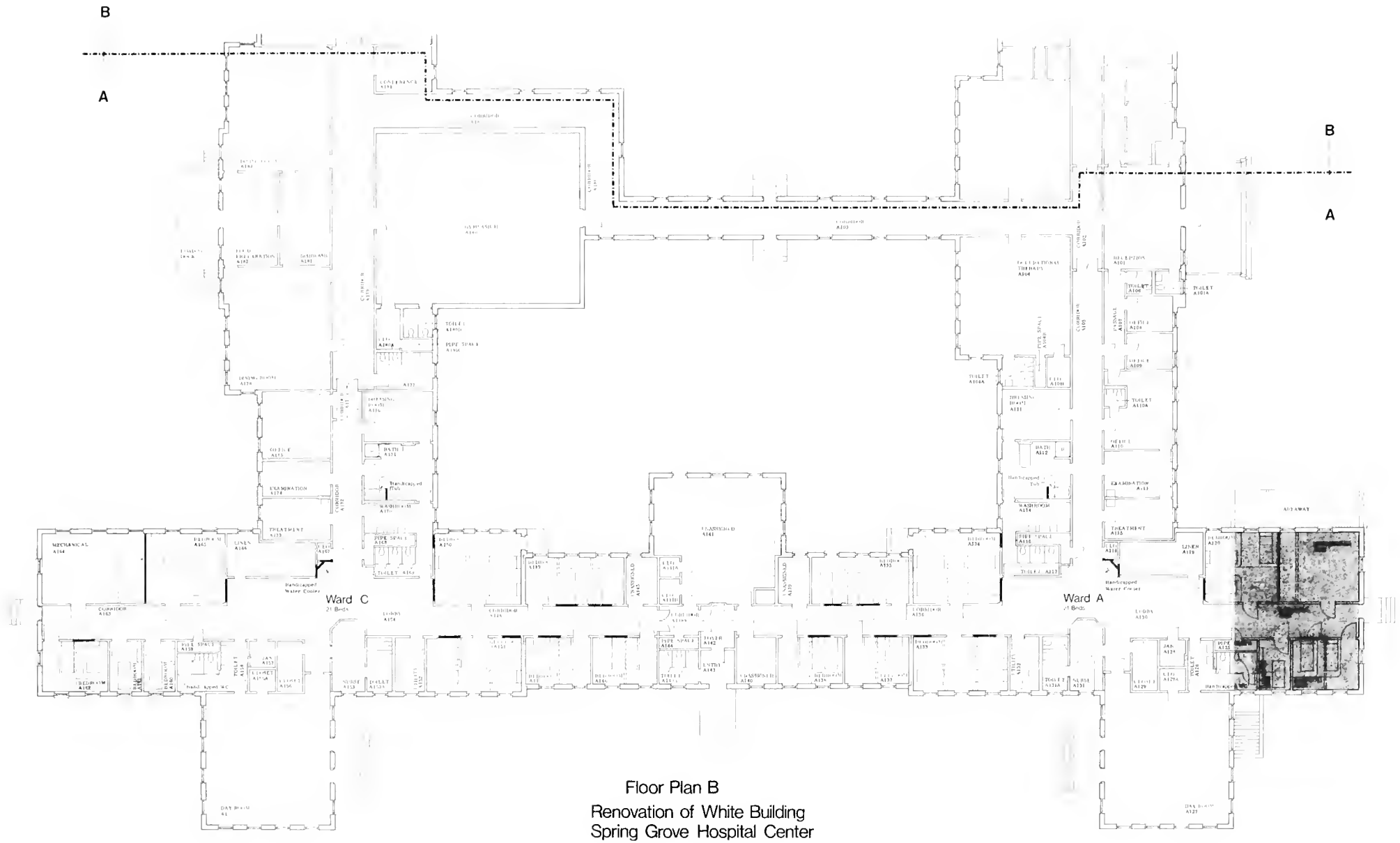
Air Conditioning . . Building will be completely air conditioned.

ESTIMATED PROJECT COST

Renovation $1,215,000



Floor Plan A
Renovation of White Building
Spring Grove Hospital Center



Floor Plan B
Renovation of White Building
Spring Grove Hospital Center

RENOVATION OF JACKSON BUILDING
Rosewood Hospital Center

PROJECT DESCRIPTION

This project is part of the total program to bring all residential facilities at the Center into compliance with standards set for licensing, accreditation and reimbursements. Renovations will include provisions for adequate air conditioning, heating and ventilation, modern toilet and bath facilities and construction of four sleeping room areas each with four beds. This one-story fire resistant brick structure will house 32 retarded patients and other administrative offices and resident support services.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Existing masonry.

Structure. . . . . Existing masonry with steel columns.

Roof . . . . . Asphalt shingles on wood trusses.

Interior . . . . . New drywall on metal studs.

Ceilings . . . . . New suspended drywall.

Floors . . . . . New vinyl tile in patient areas. Carpeting in selected administrative spaces.

Electric . . . . . Existing system upgraded and extended. New lighting fixtures.

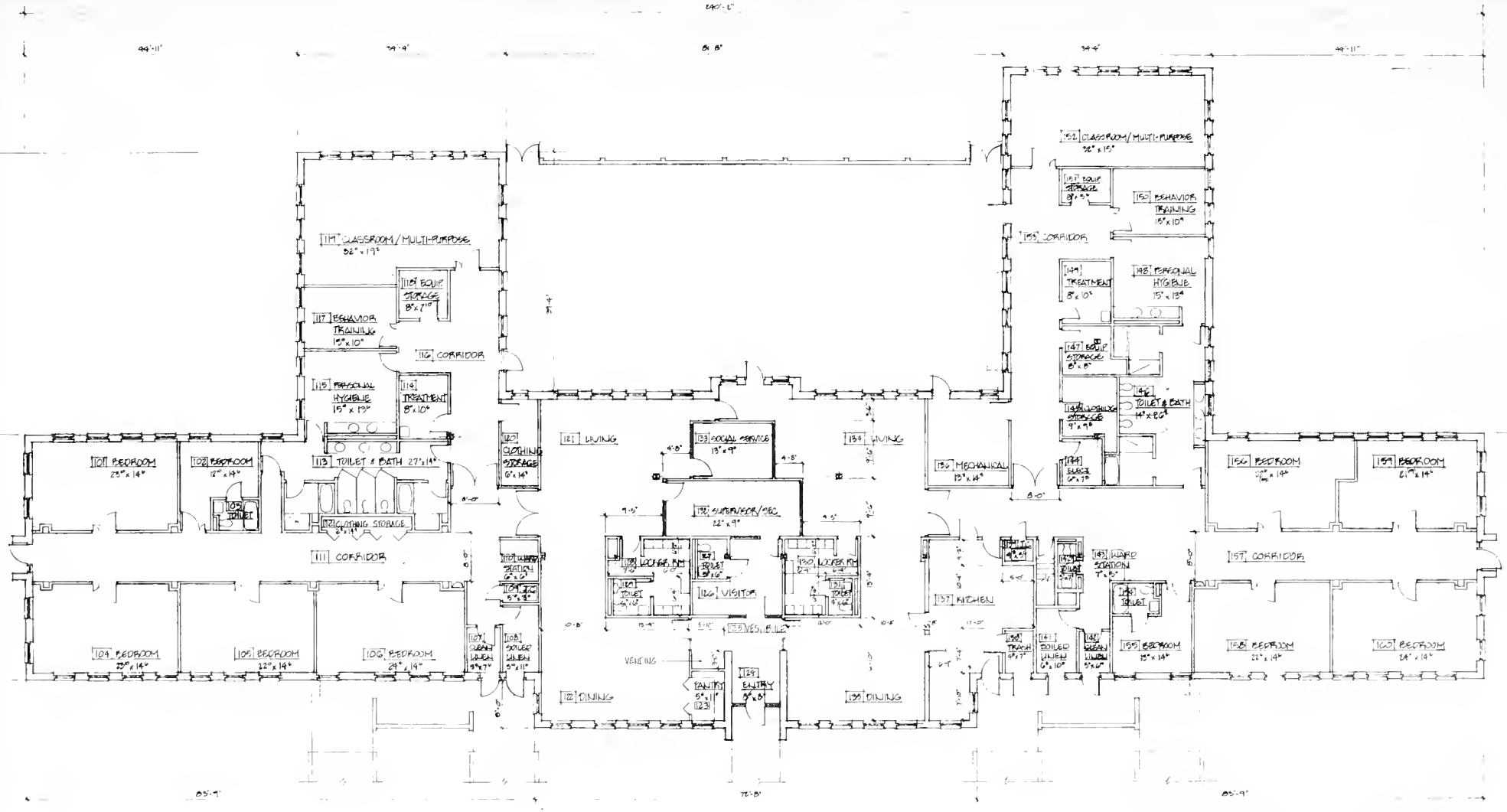
Heating. . . . . New forced hot air.

Plumbing . . . . . New bathrooms to provide for the physically handicapped.

Air Conditioning . . A completely new air conditioning system will be provided for all patient and personnel areas in the building.

ESTIMATED PROJECT COST

Renovation $600,000



GOODWIN, MEDAIRY, PRESTON & JACKSON BLDGS.
TYPICAL FLOOR PLAN

Renovation of Goodwin & Mediary and Preston & Jackson Buildings

ROSEWOOD CENTER
OWINGS MILLS MARYLAND

VISITORS' REGISTRATION BUILDING
Maryland Correctional Institution - Hagerstown

PROJECT DESCRIPTION

Construction of a 3,250 gross square foot Visitors' Registration Building to be located adjacent to the entrance to the institution. The structure will provide the visitors with an area in which to wait until called for their appointment to visit with the prisoner. The visitors will deposit their packages, outer garments and purses in locked storage lockers in this new structure while visiting with the prisoner. This facility will eliminate the confusion and crowded conditions that now exist in the institution's lobby where the visitors now wait.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Brick with slag block back up.

Structure. . . . . Bearing walls - open web joists.

Roof . . . . . Built up composition roof.

Interior . . . . . Painted block.

Ceilings . . . . . Suspended acoustical tile.

Floors . . . . . Resilient tile - ceramic tile in bathrooms.

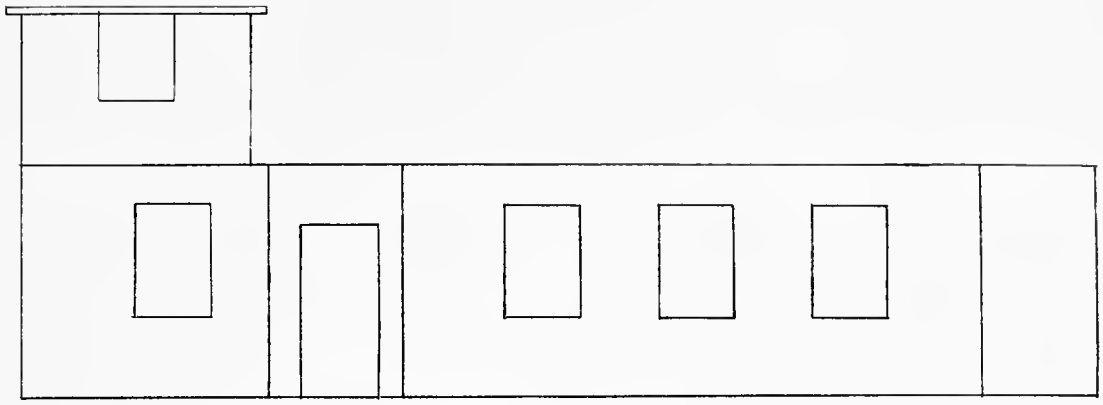
Electric . . . . . Standard fixtures for this type building.

Heating. . . . . Hot air - oil fired furnace.

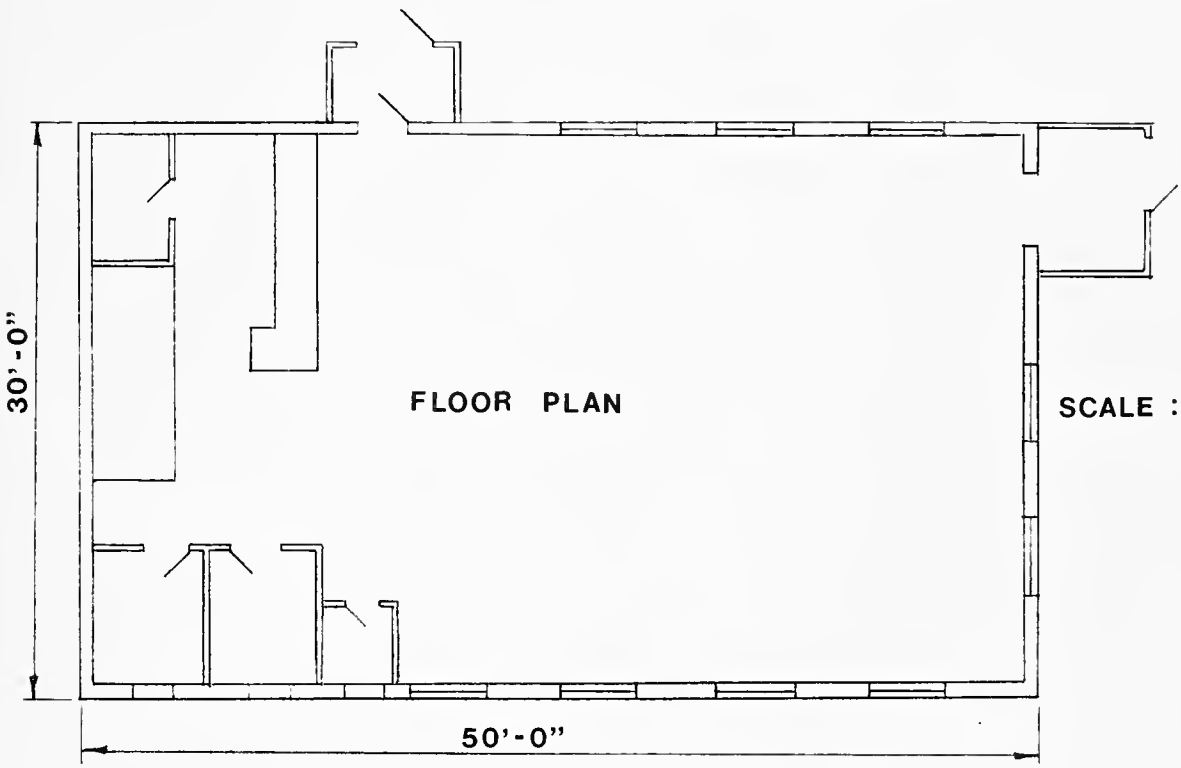
Plumbing . . . . . Standard fixture as required.

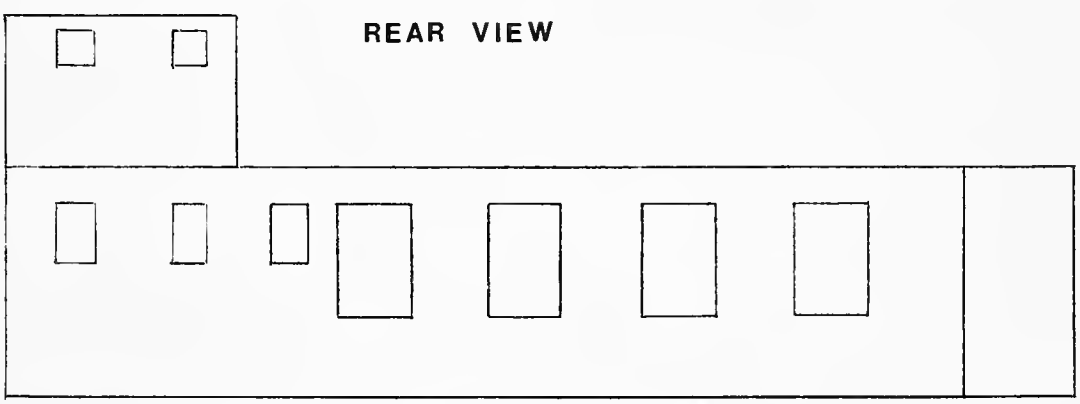
ESTIMATED PROJECT COST

Construction $295,000



FRONT VIEW





REAR VIEW

VISITORS WAITING ROOM

MCI HAGERSTOWN

DIVISION OF CORRECTION

VISITORS' REGISTRATION BUILDING
Maryland Penitentiary

PROJECT DESCRIPTION

Construction of a 3,100 gross square foot Visitors' Reception Building to be located directly across the street from the entrance to the Maryland Penitentiary. The structure will provide the visitors with an area in which to wait until they are called over to the Penitentiary for their visit with the inmate. The visitors' packages, outer garments and purses will be locked in storage lockers in the waiting structure while visiting. This new facility will eliminate the crowded condition that now exists in the lobby of the institution.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Brick with slag block back up.

Structure. . . . . Bearing walls - open web joists.

Roof . . . . . Built up composition roof.

Interior . . . . . Painted block.

Ceilings . . . . . Suspended acoustical tile.

Floors . . . . . Resilient tile - ceramic tile in bathrooms.

Electric . . . . . Standard fixtures for this type building.

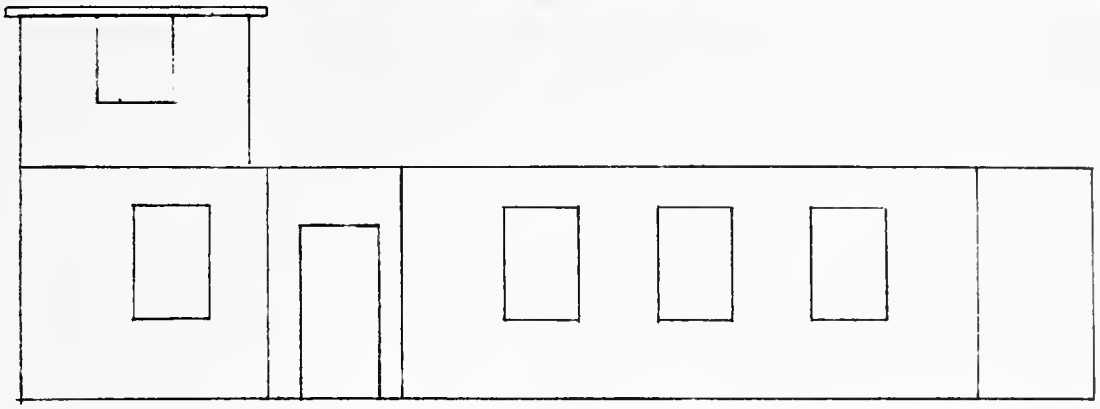
Heating. . . . . Hot air - oil fired furnace.

Plumbing . . . . . Standard fixture as required.

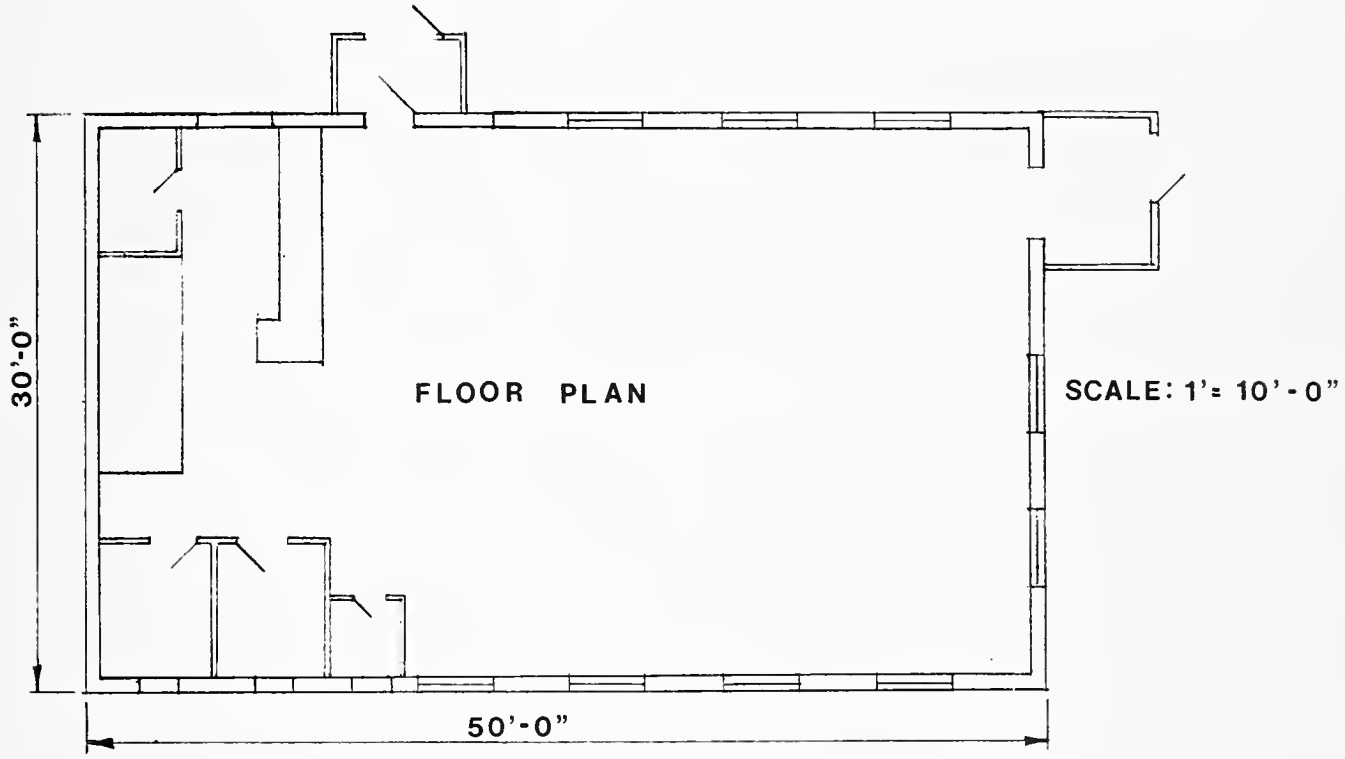
ESTIMATED PROJECT COST

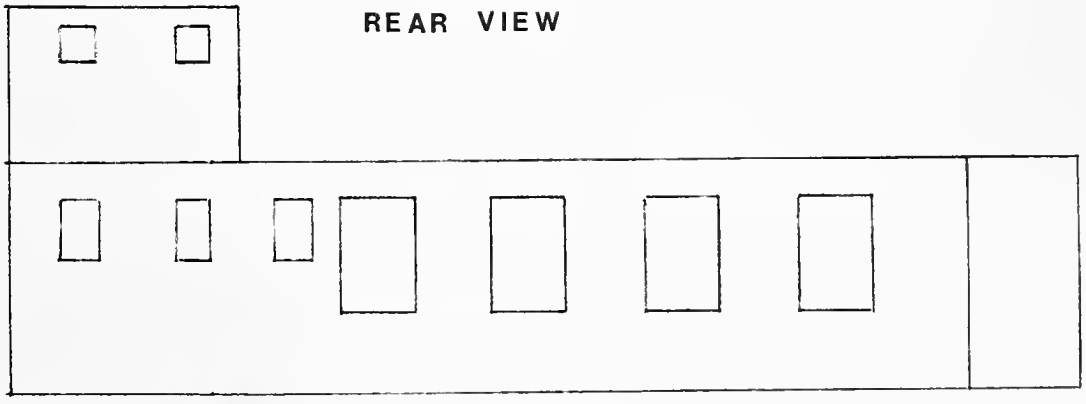
Construction $240,000

MARYLAND PENITENTIARY



FRONT VIEW





REAR VIEW

ADDITION TO ADMINISTRATION BUILDING
VISITORS WAITING ROOM

CONVERSION OF FISHERIES BUILDING
TO HOUSE THE DEPARTMENT OF GEOLOGY
College Park Campus

PROJECT DESCRIPTION

This project consists of renovating an existing building containing approximately 18,000 sq. ft. on four levels. The renovated structure will house Geology Department Offices, classroom and laboratories.

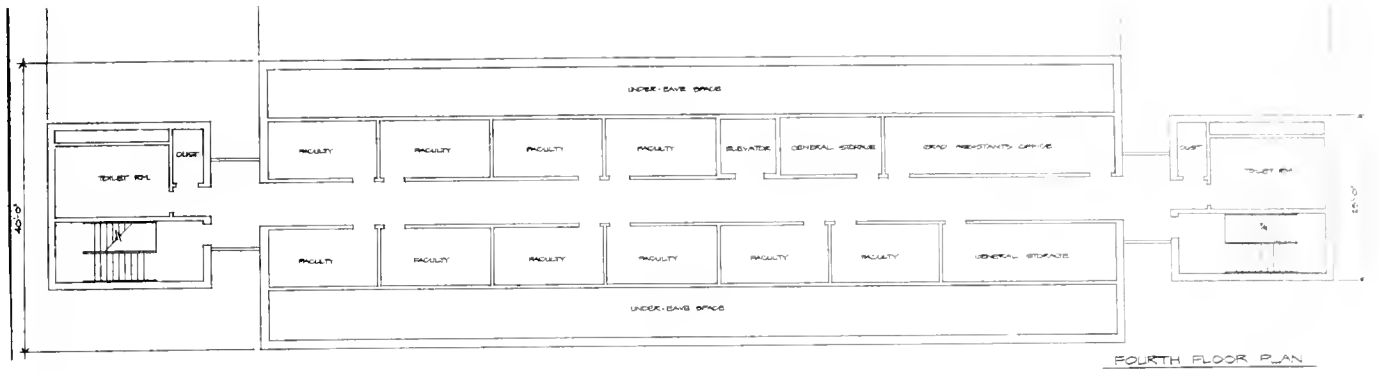
PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

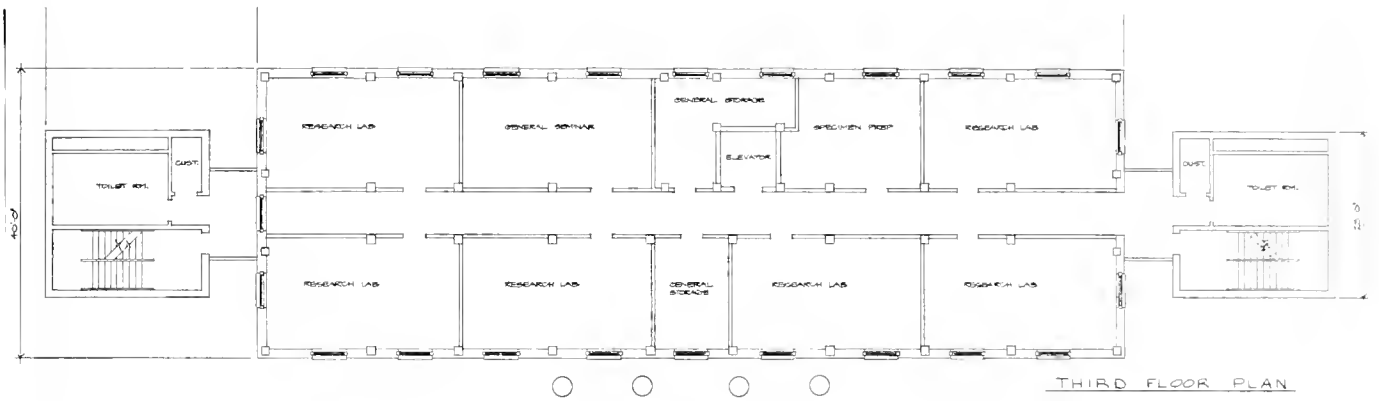
Exterior walls	Brick facing with block masonry backup.
Structure	Wall bearing and post and beam.
Roof	Slate.
Interior	Masonry and stud partitions. Plastered or drywall painted.
Ceilings	Acoustic.
Floors	Resilient tile and carpeting.
Electric	Normal - Fluorescent lighting.
Heating	Forced air with perimeter radiation; pneumatic controls; connected to central steam system.
Plumbing	Conventional.
Air Conditioning	Central air conditioning, integrated with heating system.
Miscellaneous	Sprinklered Dust control system.

ESTIMATED PROJECT COST

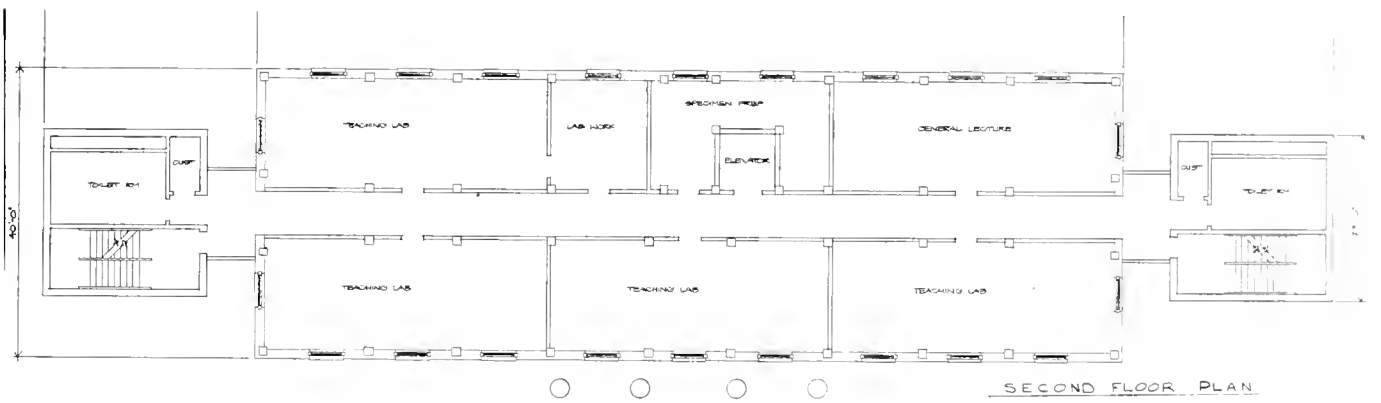
Construction	$ 923,000
Utilities	46,000
Site Improvements	56,000
Total	$1,025,000



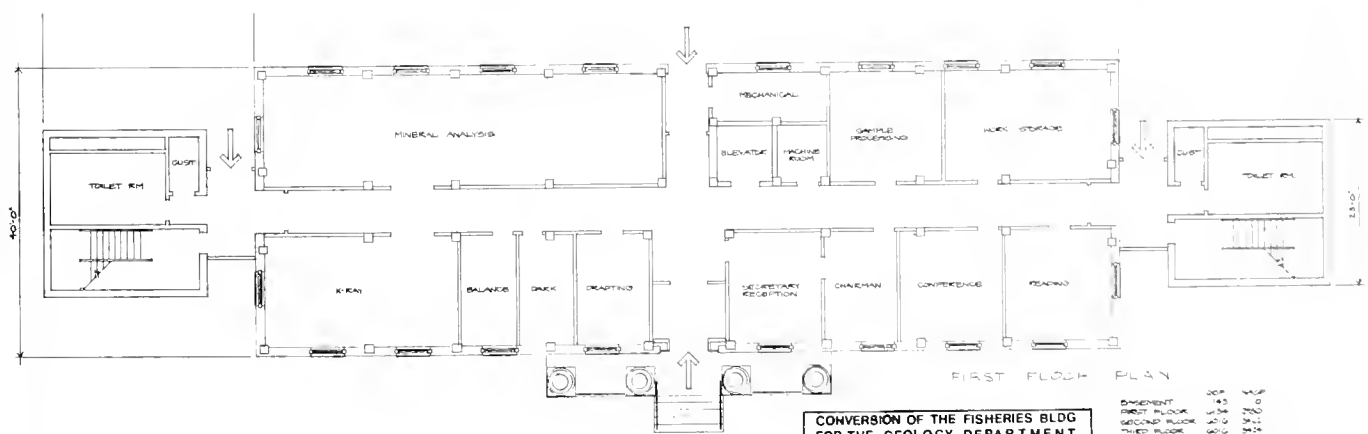
FOURTH FLOOR PLAN



THIRD FLOOR PLAN



SECOND FLOOR PLAN



FIRST FLOOR PLAN

	DOP	NASP
BASEMENT	143	0
FIRST FLOOR	[illegible]	[illegible]
SECOND FLOOR	[illegible]	[illegible]
THIRD FLOOR	[illegible]	[illegible]
FOURTH FLOOR	[illegible]	[illegible]
TOTAL	[illegible]	[illegible]

CONVERSION OF THE FISHERIES BLDG
FOR THE GEOLOGY DEPARTMENT

UNIVERSITY OF MARYLAND
COLLEGE PARK CAMPUS
COLLEGE PARK, MARYLAND

UNIVERSITY OF MARYLAND

CENTRAL ANIMAL RESOURCES FACILITY
College Park Campus

PROJECT DESCRIPTION

This project consists of an approximately 9,000 GSF one-story building for receiving and quarantining laboratory animals, animal disease monitoring, special projects, instruction and administration. It includes animal quarters, classroom, laboratory, and office space.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Insulated masonry, brick and concrete block.

Structure. . . . . Spread footings, loadbearing masonry walls, plywood decking on wood joists.

Roof . . . . . Pitched with zinc alloy roofing.

Interior . . . . . Conventional office - classroom finishes: exposed brick, painted block and drywall, vinyl wall covering ceramic tile.

Ceilings . . . . . Drywall, suspended acoustic tile.

Floors . . . . . Sealed concrete slab, vinyl tile, ceramic tile, carpeting.

Electric . . . . . Normal - fluorescent lighting.

Heating. . . . . Central steam, pneumatic control system.

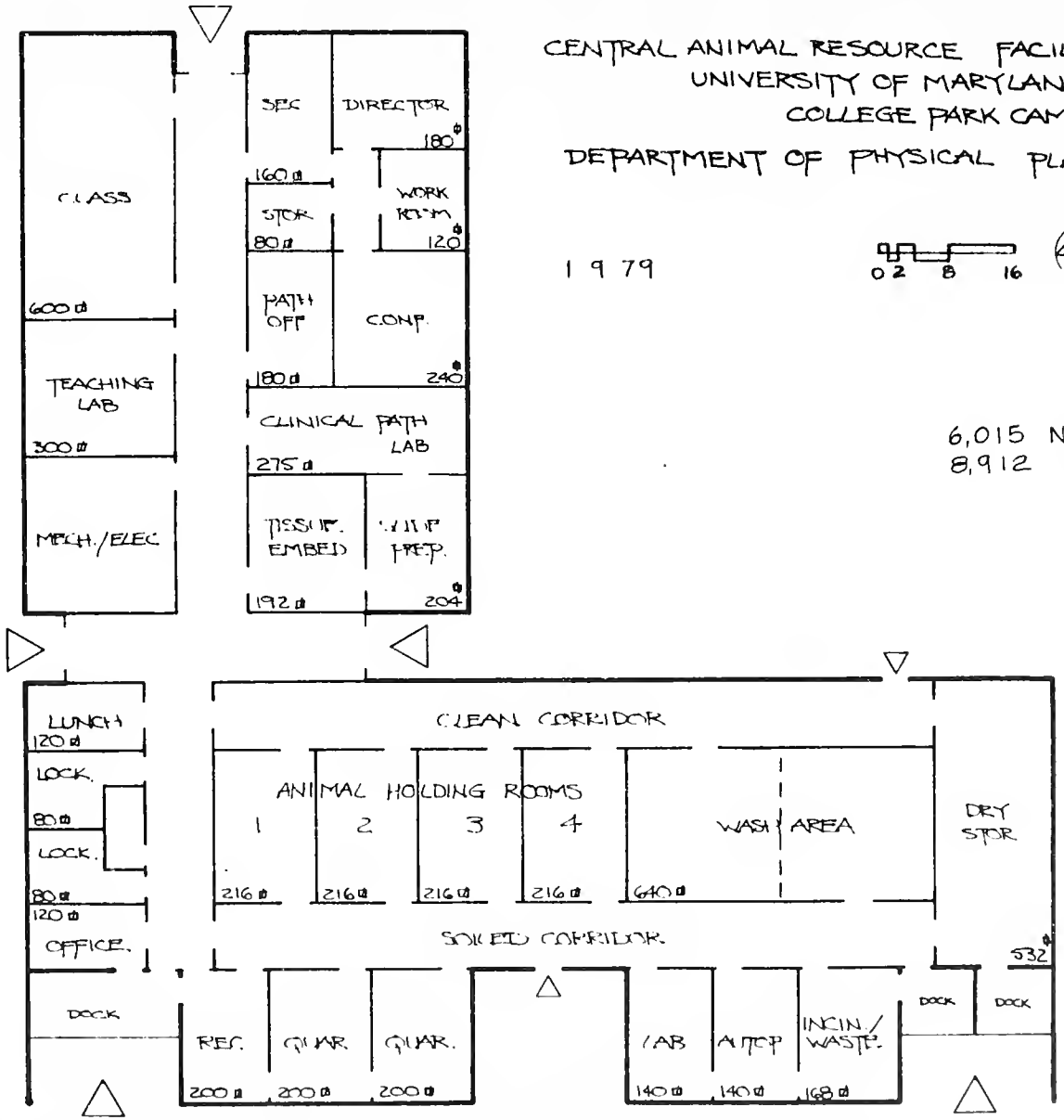
Plumbing . . . . . Conventional water, sanitary, storm with special requirements for drainage in animal quarters.

Air Conditioning . . Central air conditioning, integrated with heating system.

Miscellaneous. . . . Laboratory utilities - gas, compressed air, deionized water, vacuum systems.

ESTIMATED PROJECT COST

Construction	$547,000
Utilities.	94,000
Site Improvements.	29,000
Equipment.	80,000
Total.	$750,000



CENTRAL ANIMAL RESOURCE FACILITY
UNIVERSITY OF MARYLAND -
COLLEGE PARK CAMPUS
DEPARTMENT OF PHYSICAL PLANT

1979

0 2 8 16

6,015 NASF
8,912 GSF

UNIVERSITY OF MARYLAND

ADDITION TO ENERGY RESEARCH FACILITY
College Park Campus

PROJECT DESCRIPTION

This project consists of a two-story, 40,000 sq. ft. addition to the existing building to provide for the Linear Electron Ring Accelerator with necessary laboratories and office space.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Brick facing with block masonry back-up. Insulated cavity.

Structure. . . . . Caisson foundations, heavy steel frame, slabs on grade and supported slabs on steel framing. Steel joist roof construction with metal deck.

Roof . . . . . Built-up type over rigid insulation.

Interior . . . . . Generally exposed masonry partitions, pointed.

Ceilings . . . . . Suspended acoustical panels and exposed structure.

Floors . . . . . Resilient tile, carpeting and exposed concrete.

Electric . . . . . 480/277 volts building service for large motors and fluorescent and HID lighting; 120/208 V services shall be derived through dry-type transformers.

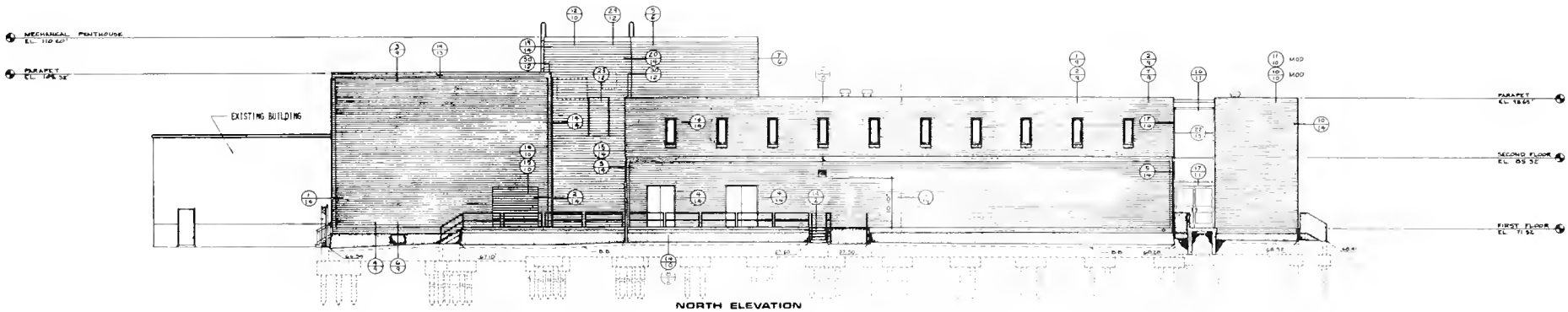
Heating. . . . . Hot air system combined with air conditioning. Air supply thru fluorescent fixtures in finished areas. Fin tube perimeter radiation on second floor.

Plumbing . . . . . Conventional.

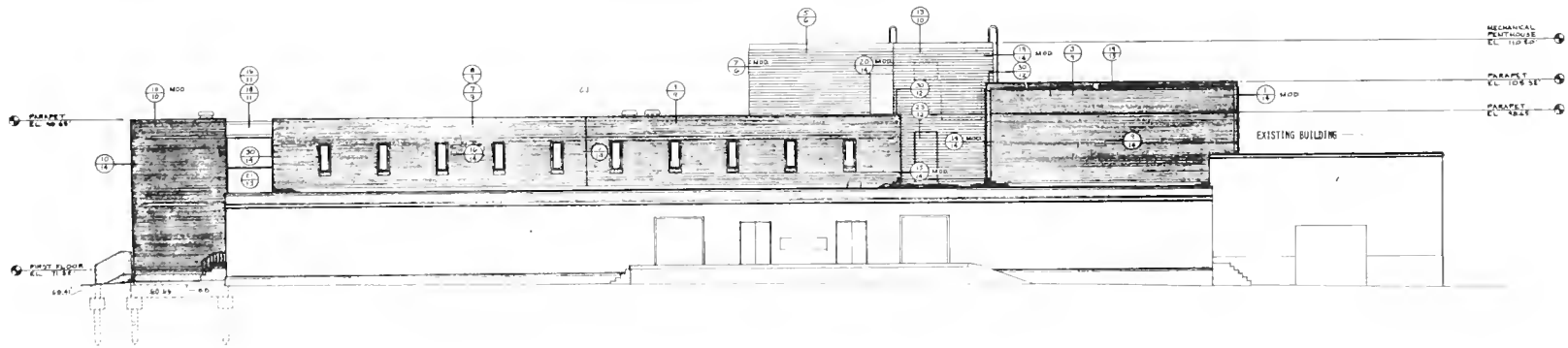
Air Conditioning . . Central air conditioning, integrated with heating system.

ESTIMATED PROJECT COST

Construction	$2,770,100
Utilities.	76,000
Site Improvements.	49,000
Equipment.	100,000
Total.	$2,995,100



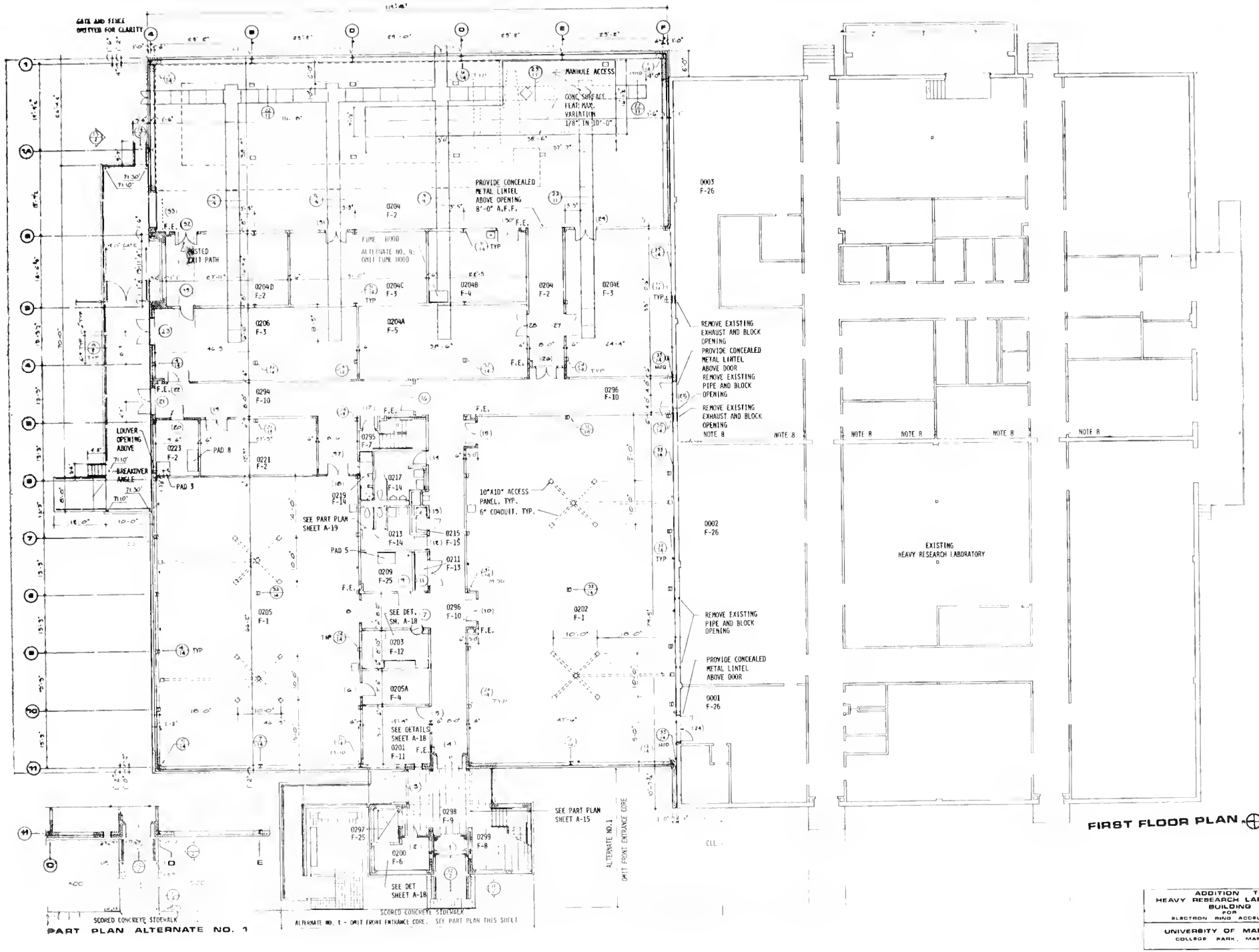
NORTH ELEVATION



SOUTH ELEVATION

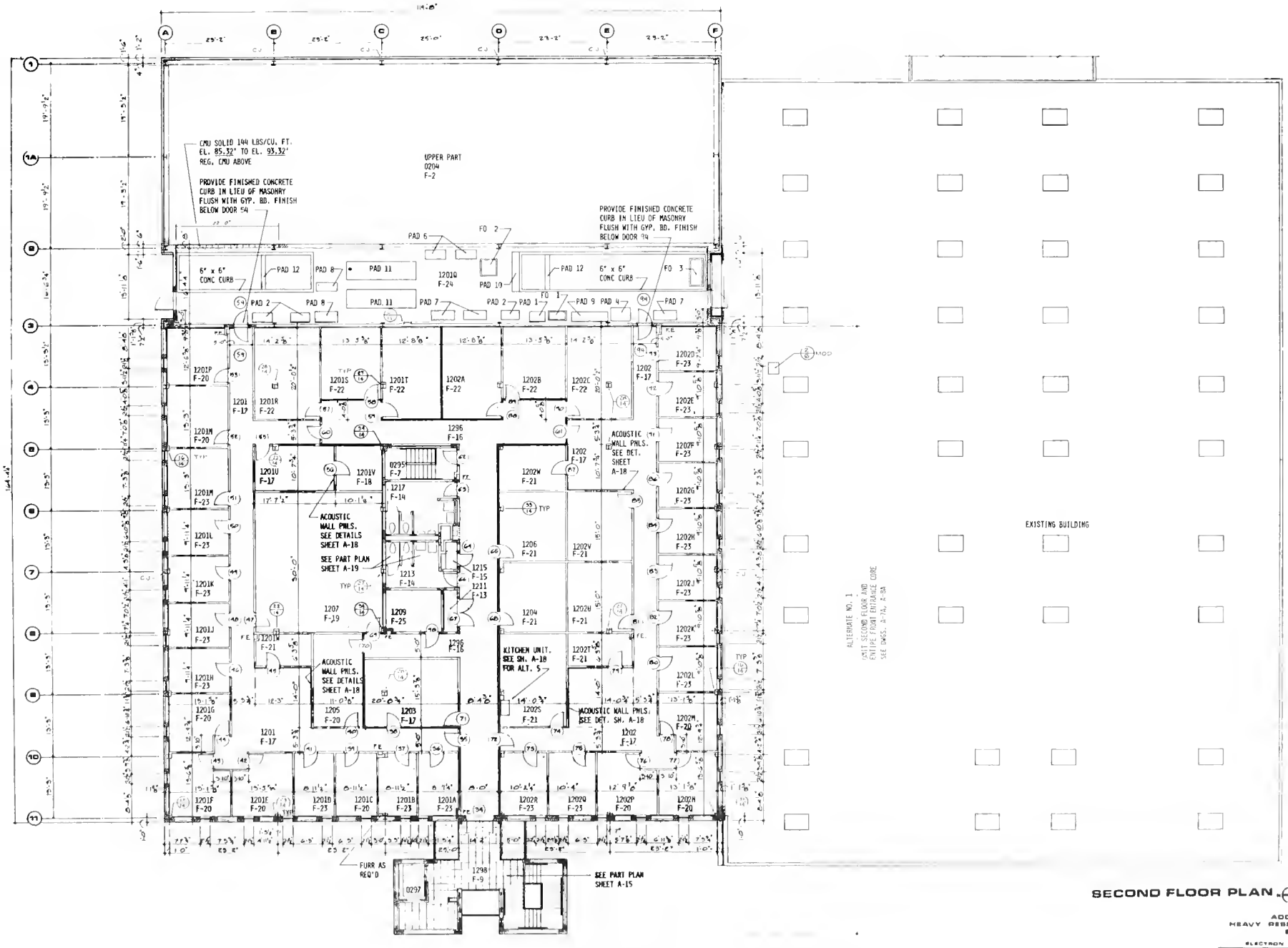
ADDITION TO
HEAVY RESEARCH LABORATORY
BUILDING
FOR
ELECTRON RING ACCELERATOR

UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND



ADDITION TO
HEAVY REBEARCH LABORATORY BUILDING
FOR
ELECTRON RING ACCELERATOR

UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND



SECOND FLOOR PLAN

ADDITION TO
HEAVY RESEARCH LABORATORY
BUILDING
FOR
ELECTRON SYNC ACCELERATOR

UNIVERSITY OF MARYLAND
COLLEGE PARK, MARYLAND

TOWSON STATE UNIVERSITY

ALTERATIONS AND ADDITION TO VAN BOKKELEN HALL

PROJECT DESCRIPTION

This project consists of alterations to the 28,500 square feet existing building for the purpose of extending the life of the building and providing improved speech/pathology - audiology space, classrooms, labs and offices. A small addition will house an elevator to provide accessibility to all floors for the handicapped.

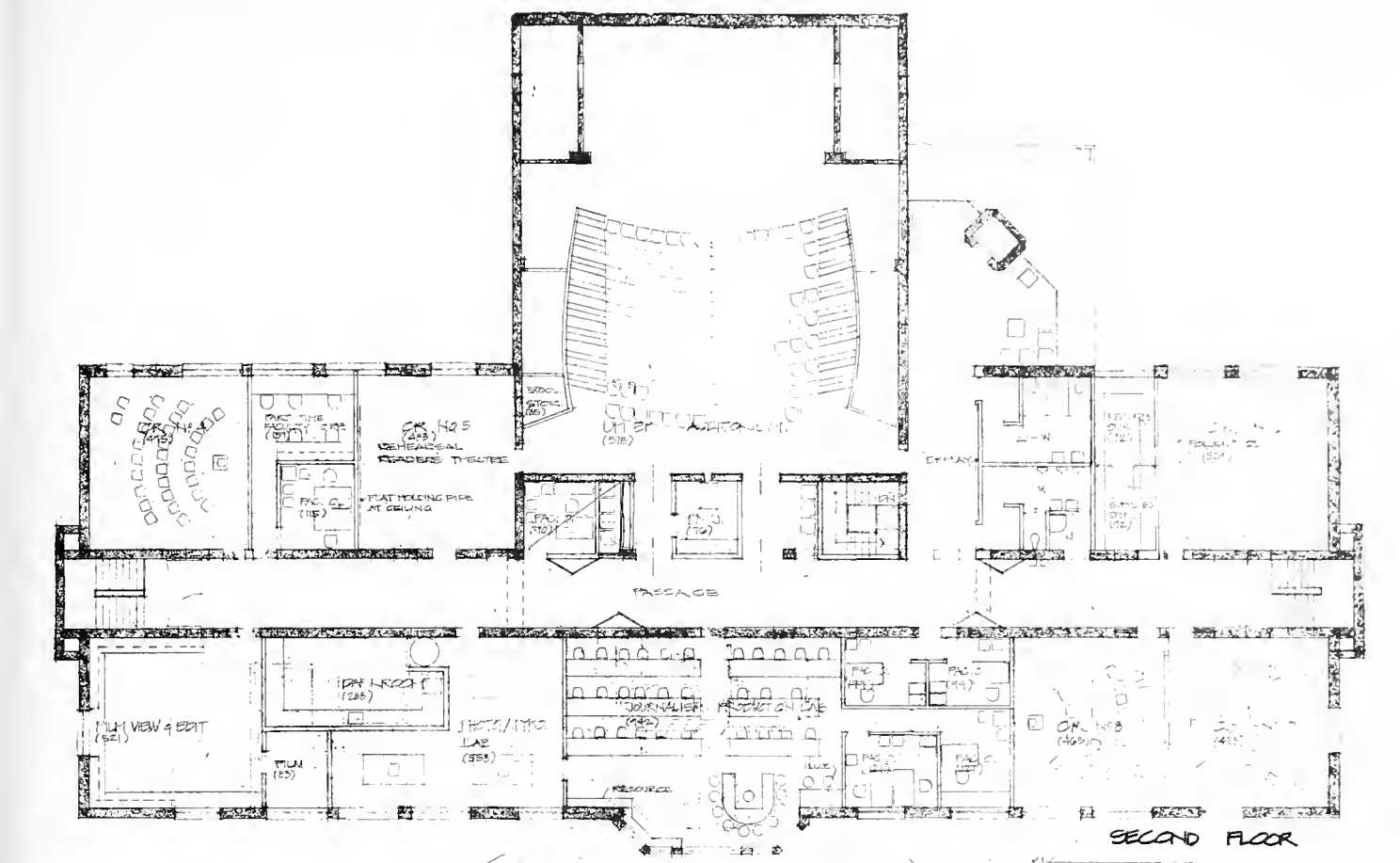
PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

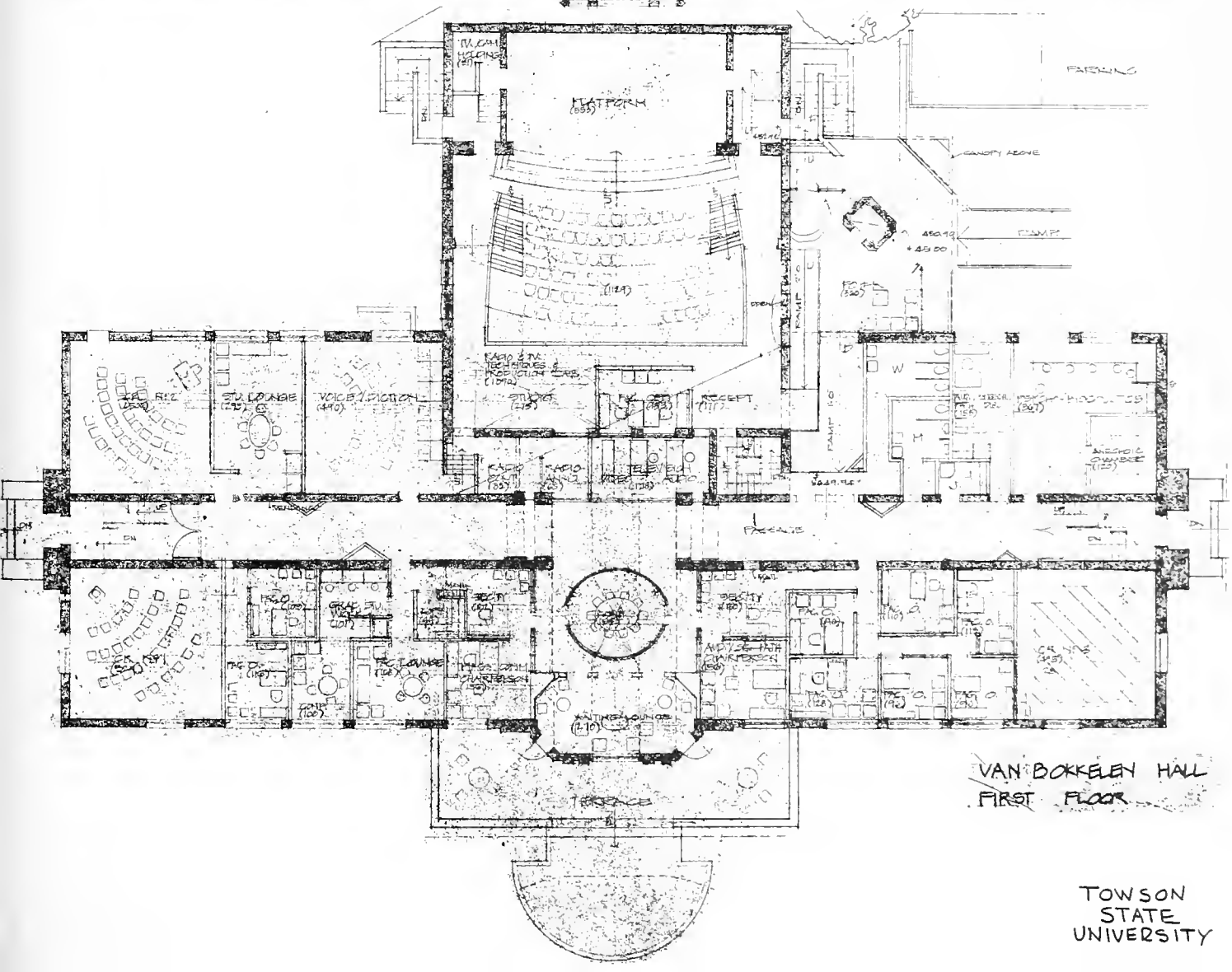
Plans are shown at right. Outline specifications are:

Exterior walls . . .	Existing masonry walls.
Structure.	Existing concrete frame.
Roof	Existing Slate.
Interior	Painted dry wall and concrete masonry units for partitions.
Ceilings	Suspended Acoustic.
Floors	Resilient.
Electric	Normal - fluorescent lighting.
Heating.	Variable - volume perimeter combination air and hot-water system, connected with Central Heating Plant.
Plumbing	Conventional.
Air Conditioning . .	Central air conditioning, integrated with heating system.

ESTIMATED PROJECT COST

Construction	$1,350,000
Utilities.	50,000
Site Improvements.	75,000
Equipment.	350,000
Total.	$1,825,000





TOWSON
STATE
UNIVERSITY

UNIVERSITY OF BALTIMORE

ADDITION TO ACADEMIC CENTER
Charles Street Campus

PROJECT DESCRIPTION

This project consists of a new facility of 118,000 square feet with offices, classrooms, moot court and library for the School of Law. Included will be space for a power plant to serve adjacent buildings.

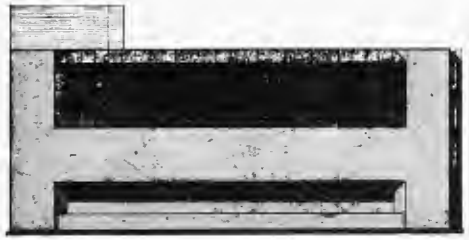
PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . .	Masonry cavity type.
Structure.	Structural steel.
Roof	Built-up.
Interior	Painted dry wall partitions and concrete masonry units.
Ceilings	Suspended Acoustic type.
Floors	Resilient and Carpet.
Electric	Normal - fluorescent lighting.
Heating.	Variable - volume perimeter combination air and hot water system; oil-fired boilers.
Plumbing	Conventional.
Air Conditioning . .	Central air conditioning, integrated with heating system.

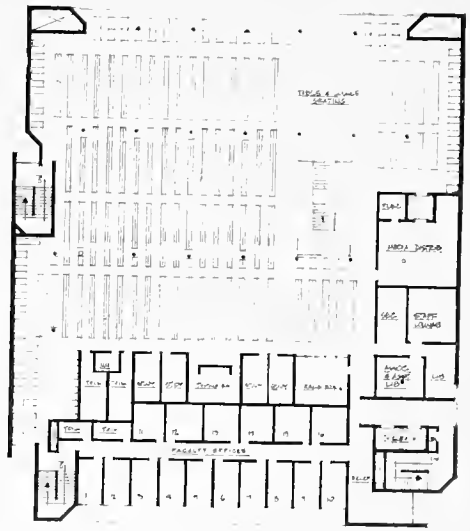
ESTIMATED PROJECT COST

Construction	$6,790,000
Utilities.	130,000
Site Improvements.	30,000
	$6,950,000



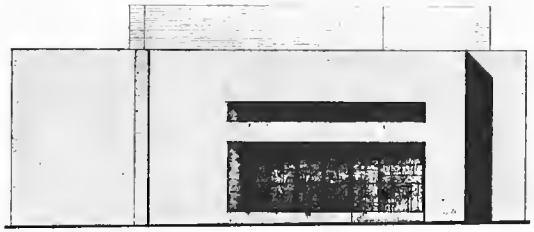
NORTH ELEVATION

EAST ELEVATION

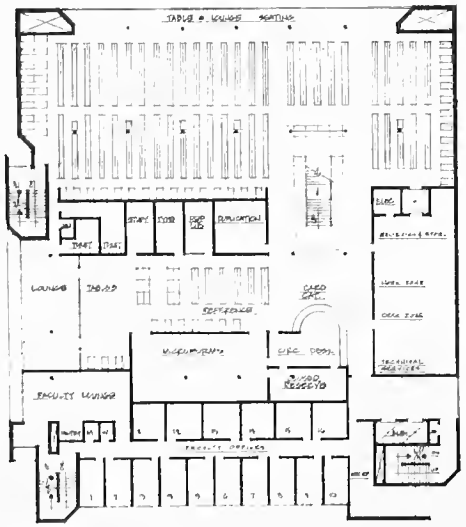


FOURTH FLOOR PLAN

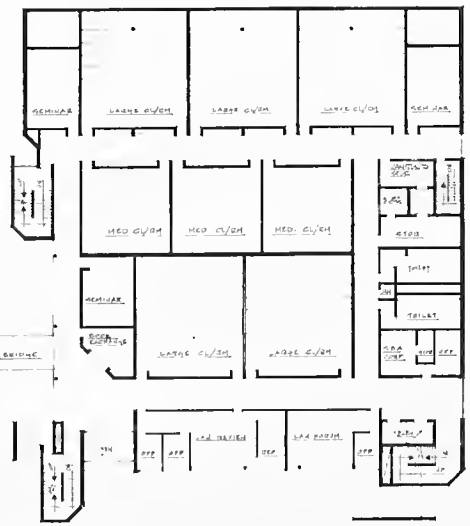
SOUTH ELEVATION



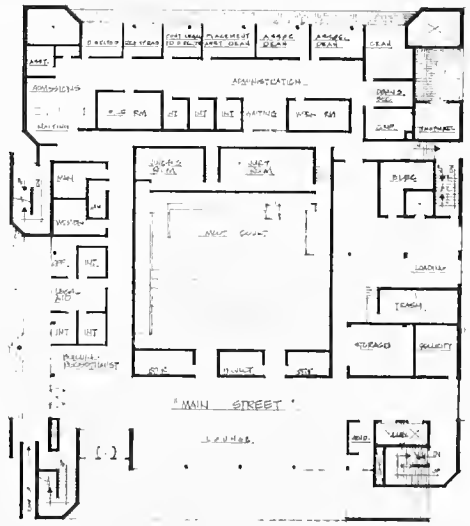
WEST ELEVATION



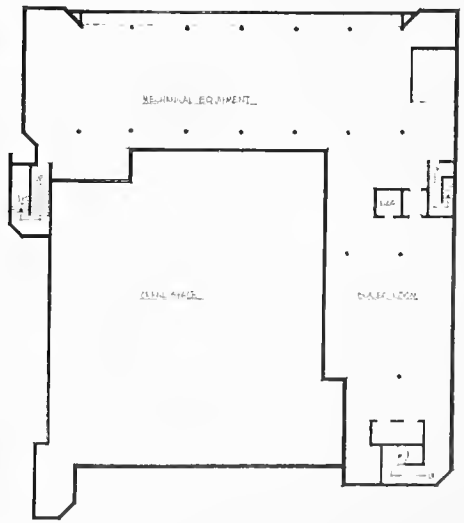
THIRD FLOOR



SECOND FLOOR



FIRST FLOOR



BASEMENT FLOOR

UNIVERSITY OF BALTIMORE
ADDITION TO ACADEMIC CENTER

MARYLAND PUBLIC BROADCASTING COMMISSION

EXPANSION OF MARYLAND CENTER FOR PUBLIC BROADCASTING
Owings Mills

PROJECT DESCRIPTION

This project is to construct an addition to the existing Center for Public Broadcasting to accommodate the increased activity and staff at the Center. It will also provide space for the Division of Instructional Television of the Department of Education. The addition will be 33,175 gross square feet for offices, conference rooms, a multipurpose room and production work spaces.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Masonry cavity type.

Structure. . . . . Structural steel.

Roof . . . . . Built up.

Interior . . . . . Painted dry wall partitions.

Ceilings . . . . . Suspended acoustic.

Floors . . . . . Resilient tile and carpet.

Electric . . . . . Normal light and power for this type of building.

Heating. . . . . Electric boiler.

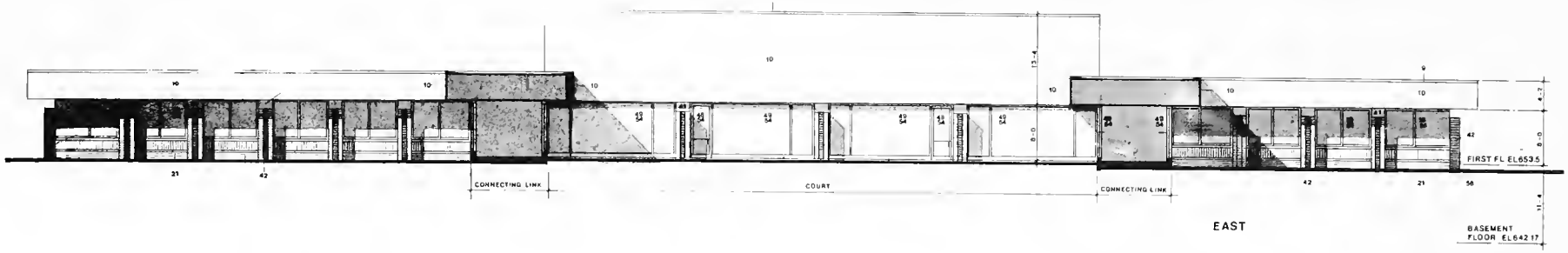
Plumbing . . . . . Normal for this type of building.

Air Conditioning . . Central air conditioning.

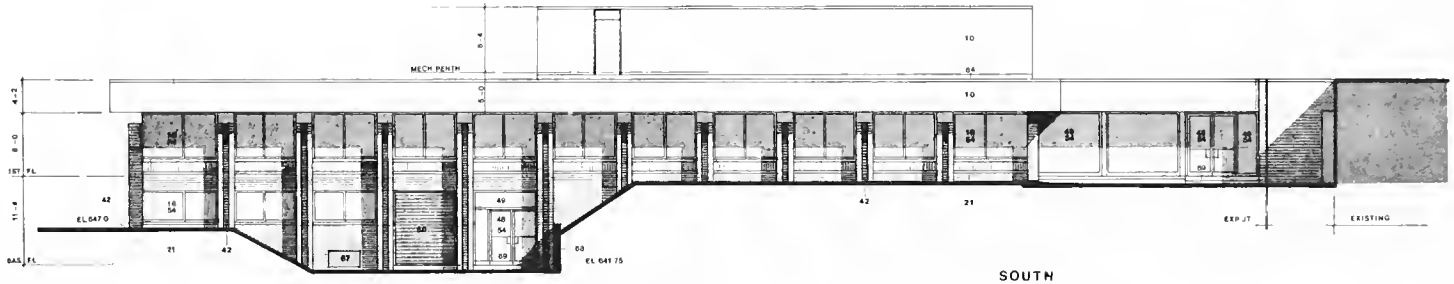
ESTIMATED PROJECT COST

Construction	$2,018,000
Utilities.	42,000
Site Improvements.	107,000
Total.	$2,167,000

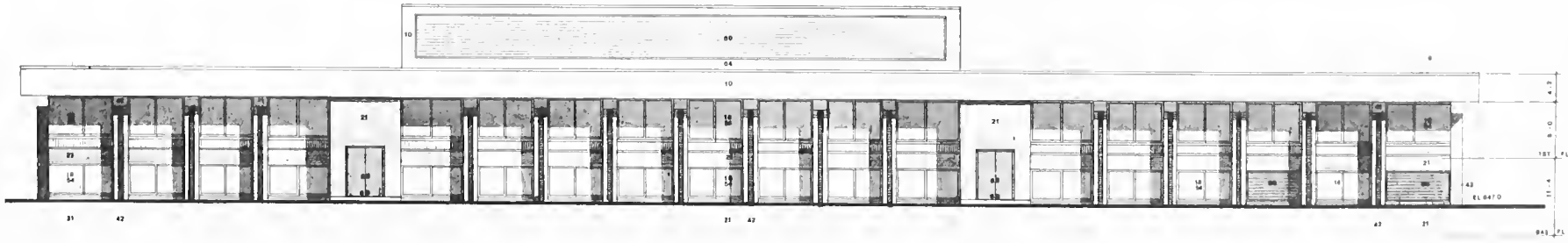
NORTH



EAST



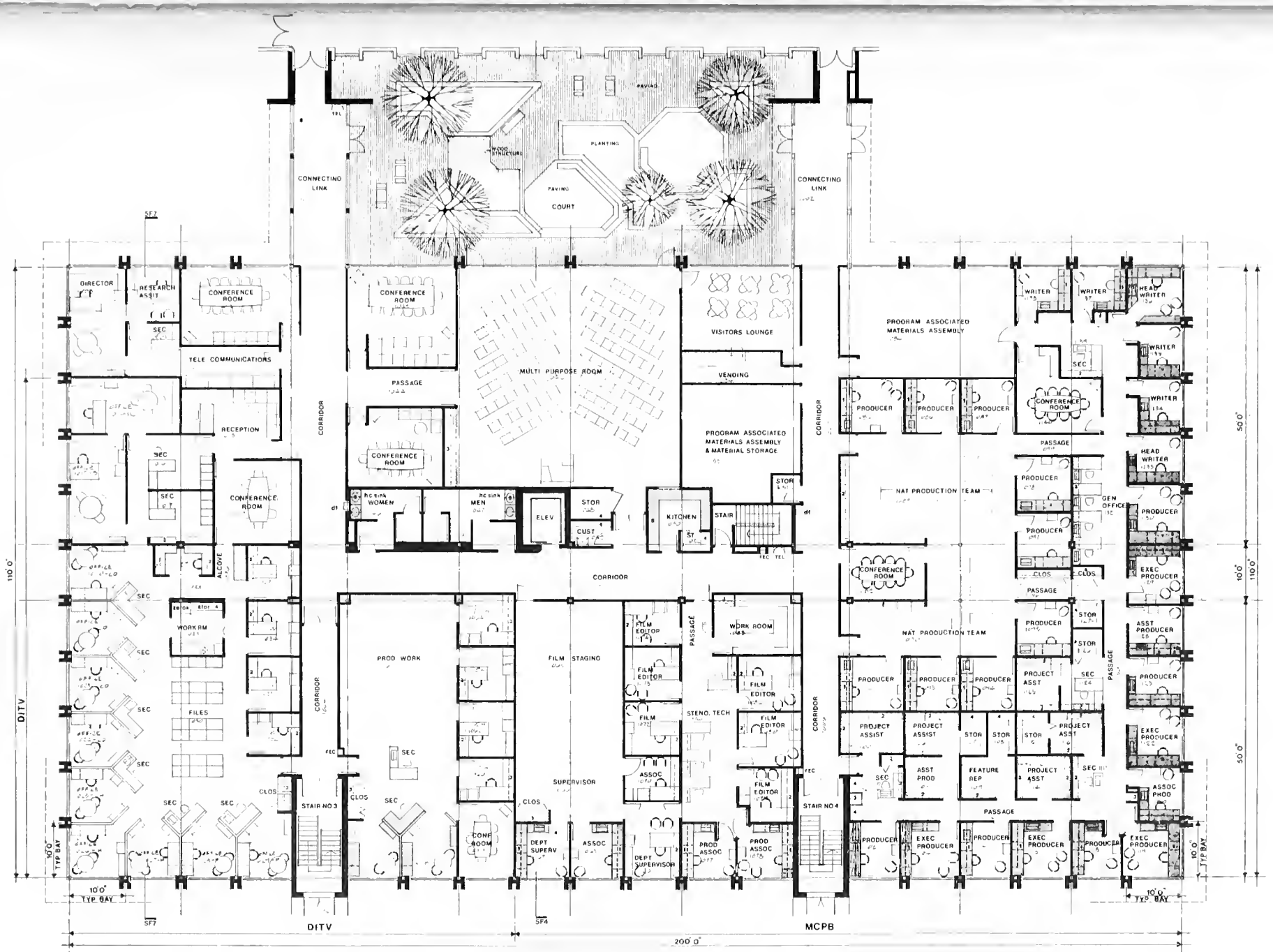
SOUTH



WEST

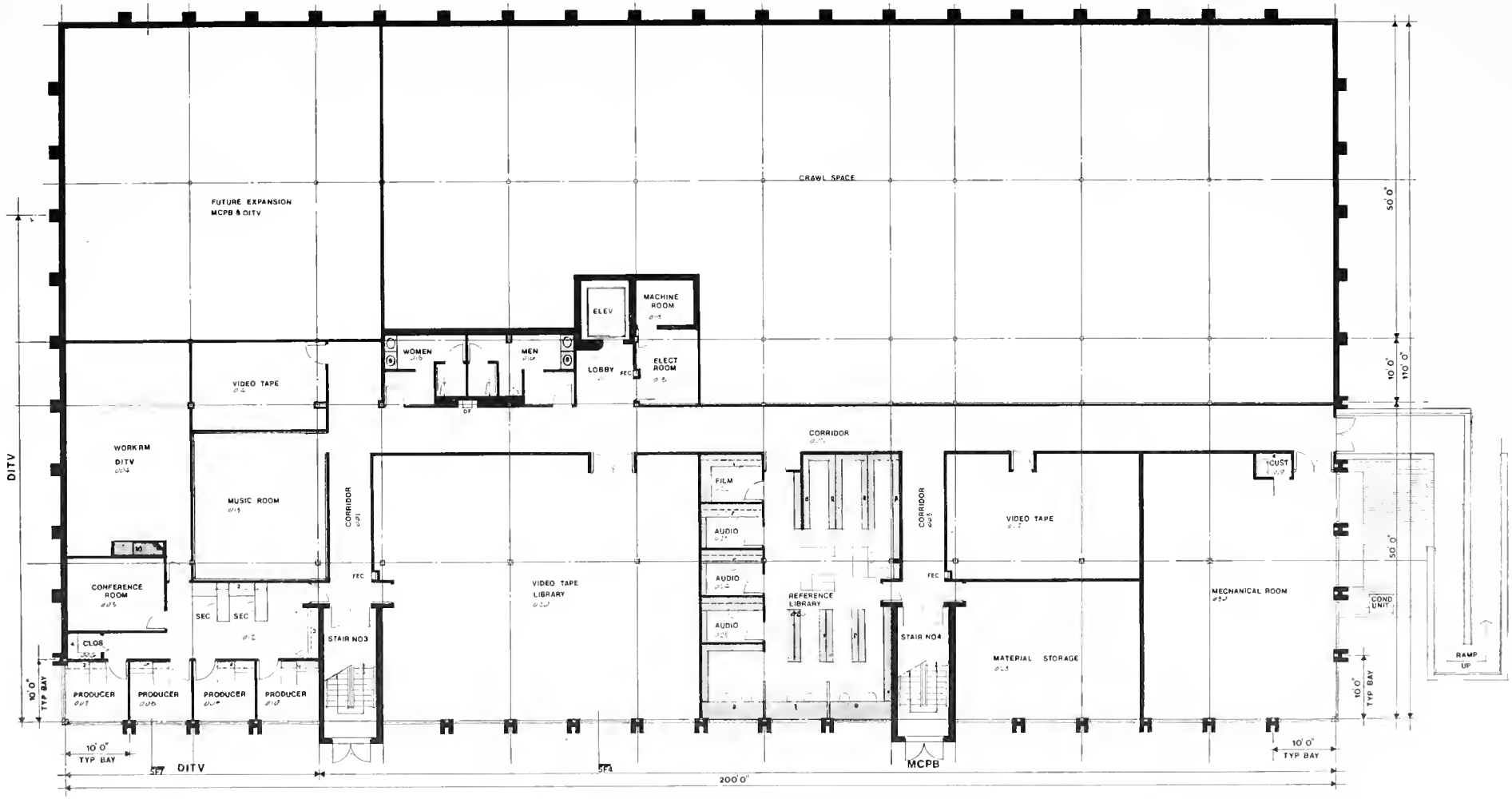
ELEVATIONS

ADDITION TO:
MARYLAND CENTER for
PUBLIC BROADCASTING
OWINGS MILLS, MARYLAND



FIRST FLOOR PLAN

ADDITION TO:
MARYLAND CENTER for PUBLIC BROADCASTING
OWINGS MILLS MARYLAND



BASEMENT FLOOR

ADDITION TO:
MARYLAND CENTER for
PUBLIC BROADCASTING
OWINGS MILLS, MARYLAND

MARYLAND COMMISSION ON AFRO-AMERICAN HISTORY AND CULTURE

MOUNT MORIAH CHURCH
Annapolis

PROJECT DESCRIPTION

This project is for the restoration and renovation of Mount Moriah Church. Restoration will include both the interior and exterior of the building. Interior work will involve adapting the main interior space for exhibit purposes and offices and the restoration of as much of the interior details, trim and fixtures as is possible. Exterior restoration will involve repointing of the brick walls, reworking the roof to insure water-tightness, restoring wood doors and window trim and rebuilding stained glass windows.

PRELIMINARY PLANS AND OUTLINE SPECIFICATIONS

Plans are shown at right. Outline specifications are:

Exterior walls . . . Existing brick.

Structure. . . . . Existing wood framing.

Roof . . . . . New slate.

Interior . . . . . Drywall partition.

Ceilings . . . . . Plaster and Acoustical.

Floors . . . . . Wood existing and new V.A.T.

Electric . . . . . Existing.

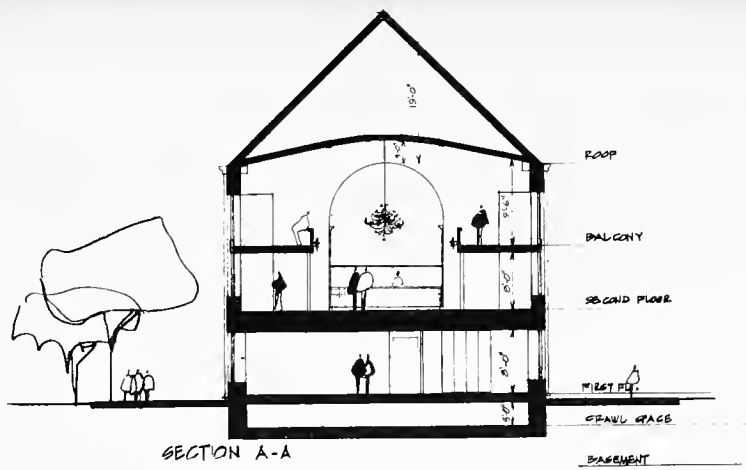
Heating. . . . . Force air - oil.

Plumbing . . . . . Standard.

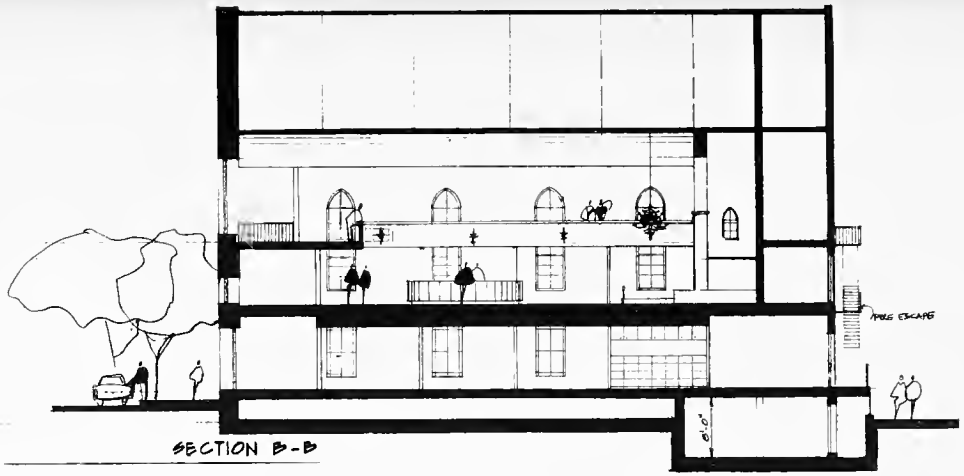
Air Conditioning . . Units in office area only.

ESTIMATED PROJECT COST

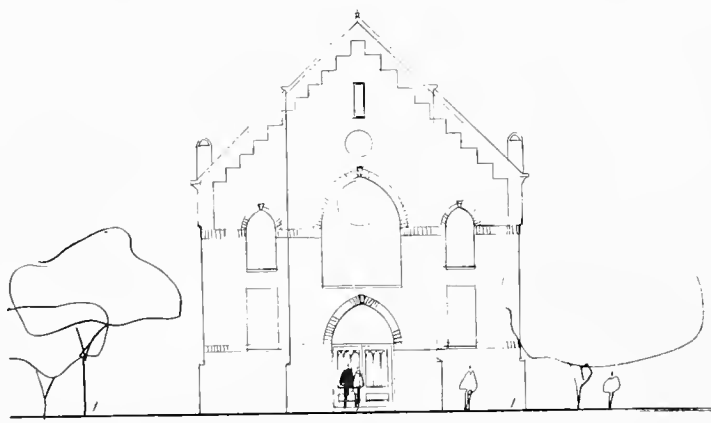
Design	$ 25,000
Renovation and Restoration	385,000
Total.	$410,000



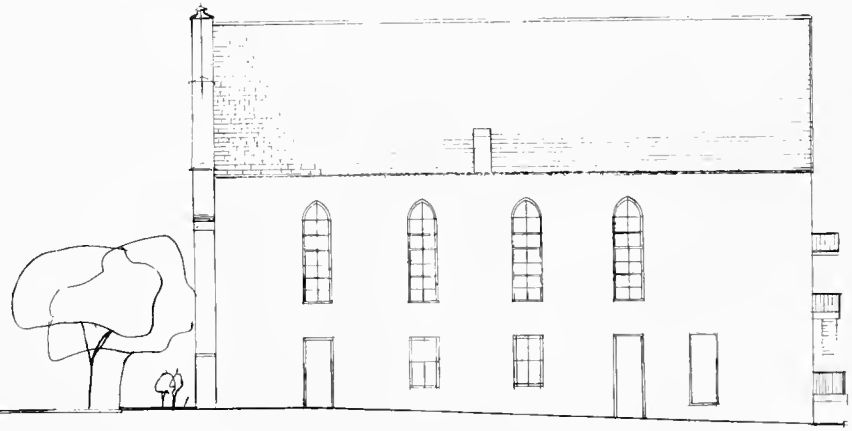
SECTION A-A



SECTION B-B

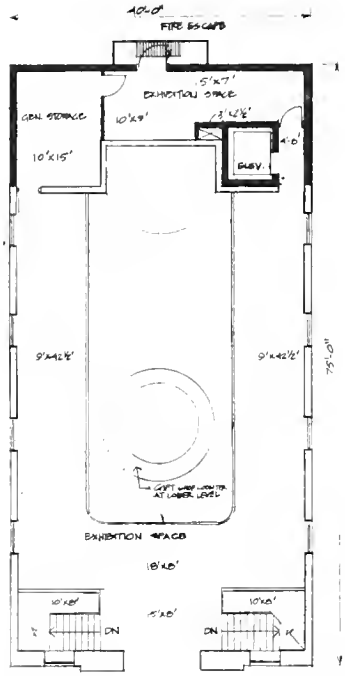


WEST ELEVATION

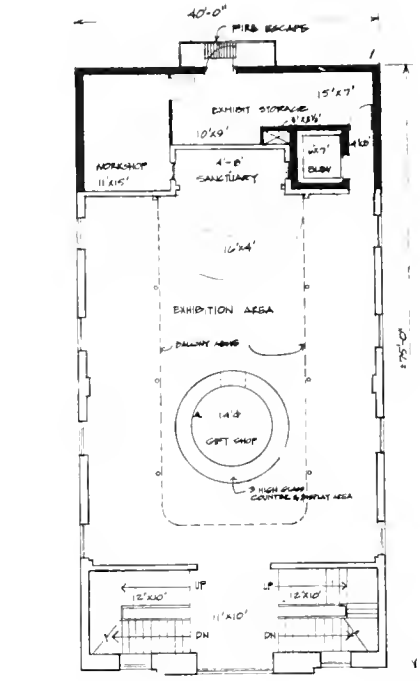


SOUTH ELEVATION

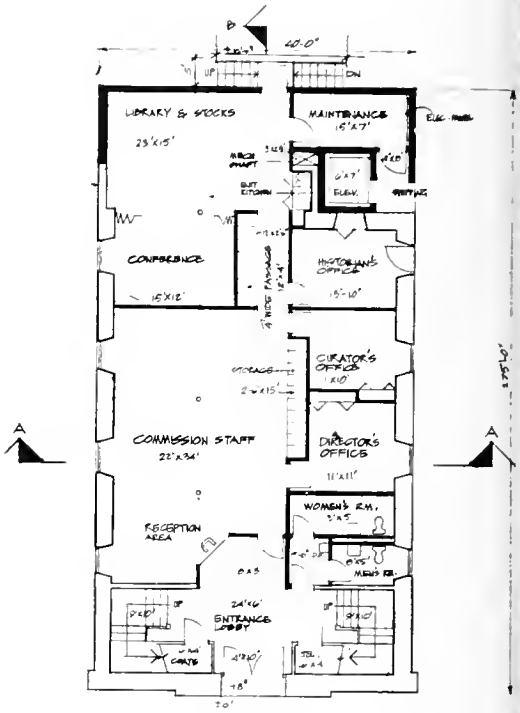
RESTORATION
MT. MORIAH CHURCH _ ANNAPOLIS MD.



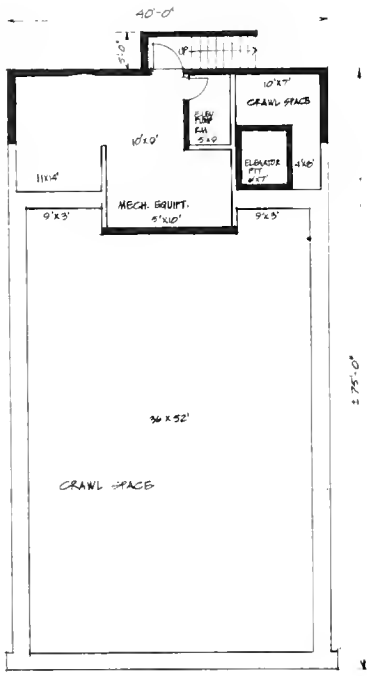
BALCONY



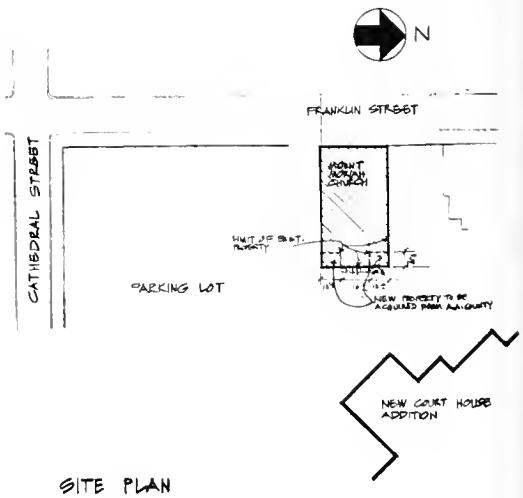
SECOND FLOOR PLAN



FIRST FLOOR PLAN



BASEMENT PLAN



SITE PLAN

RESTORATION
MT. MORIAH CHURCH _ ANNAPOLIS MD.

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UNIV. OF MD. COLLEGE PARK

DO NOT CIRCULATE